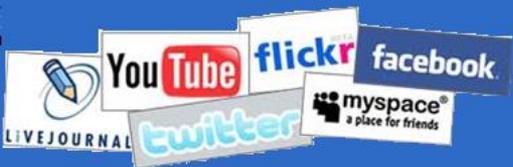




How Much of Your Personal Information Is Online?

**State of Illinois
Central Management Services
Security and Compliance Solutions**

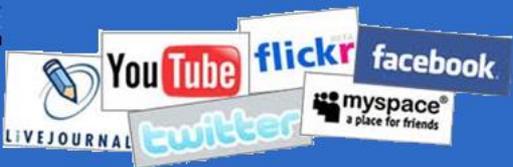




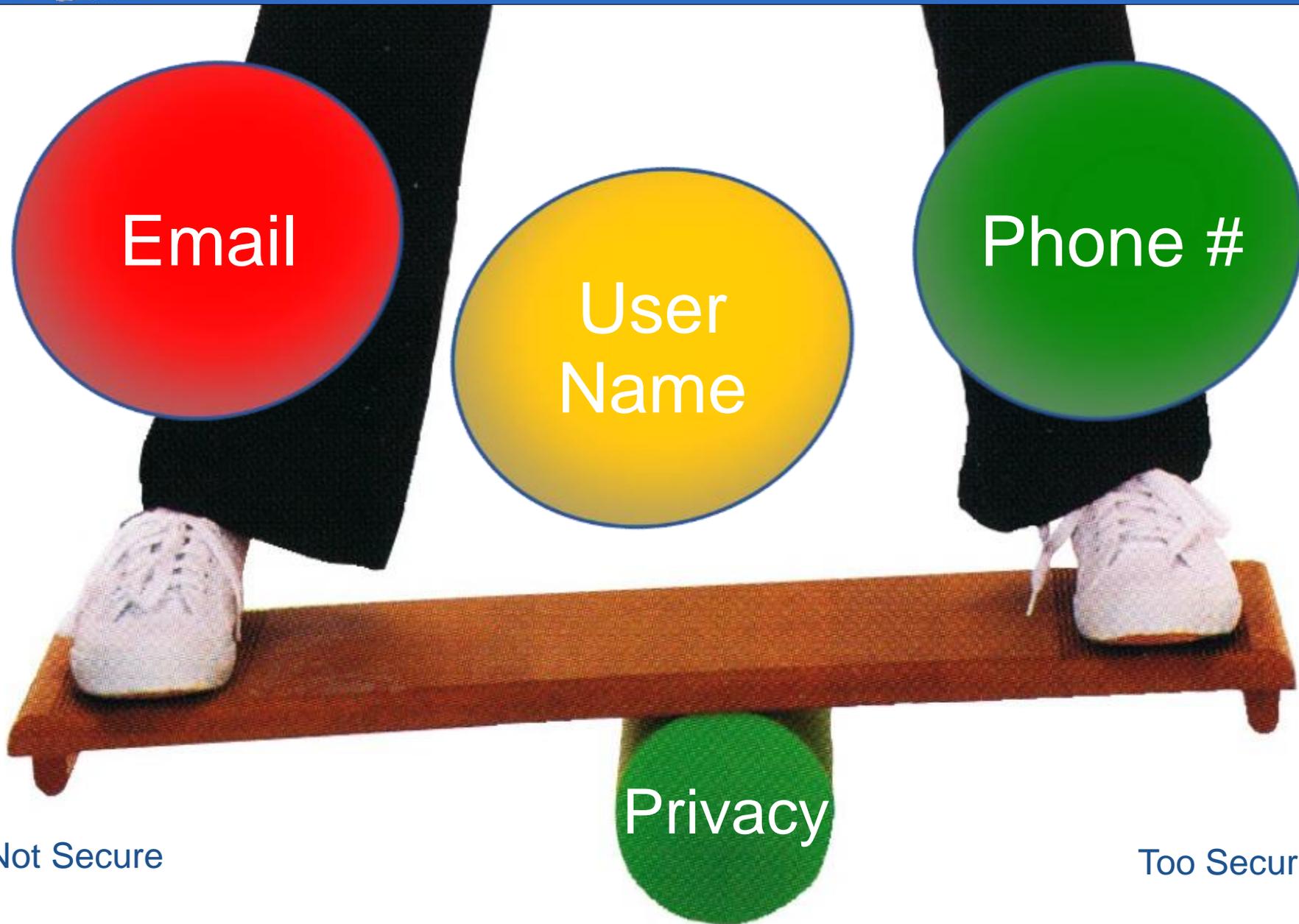
Purpose and Scope

- To analyze how much of your personal information is online.
- To make you question how much data you put on the Internet.





Juggling Information



Email

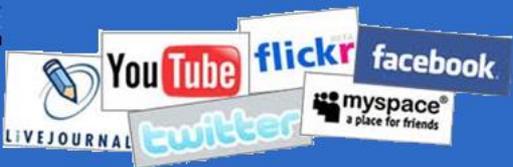
User
Name

Phone #

Privacy

Not Secure

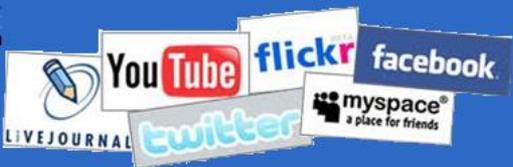
Too Secure



Who wants your details

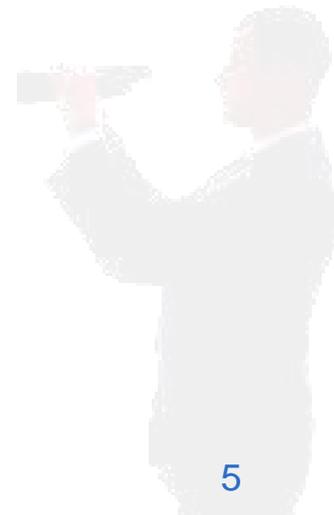
- Spammers – targeted phishing
 - Corporations
 - Cyber criminals – Identity theft
 - Investigators
 - Hacktivists – DOX
-
- Facebook CIA video: bit.ly/xPjEax

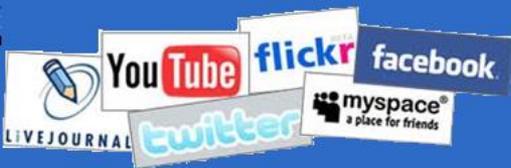




What details do they want?

- Email
- Username
- Phone #'s
- IP address
- Friends
- GPS location
- Photo's (public and private)
- Name
- Hometown





Connect an email to a site

■ Does an email exist?

Join Twitter today.

craigTEST

✓ Name looks great.

craig@craigslist.org

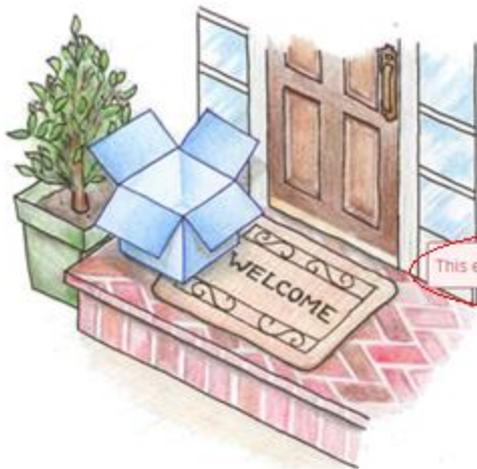
✗ This email is already registered. Want to login or recover your password?

.....

✓ Password is perfect!

craigTEST1

✓ Username is available.
You can change it later.



Create an account

(or sign in)

test

dropbox

This e-mail is already taken

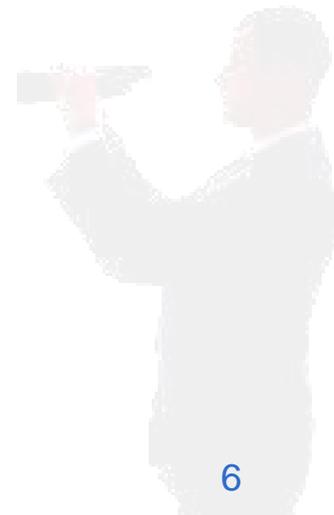
craig@craigslist.org

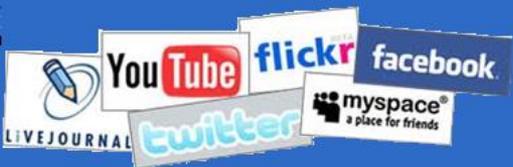
.....

Great!

I agree to Dropbox Terms

Create account





Where does your card go?

- Jigsaw.com – find business card info

Kevin Rose

Founder

[Join to view phone and email](#)

Digg Inc

2415 3rd St

Ste 232

San Francisco, CA 94107-3182

United States

Last Updated 07/12/2012 by [BumpyJudge52](#)

Update this Contact (+5pts)

[Update name](#)

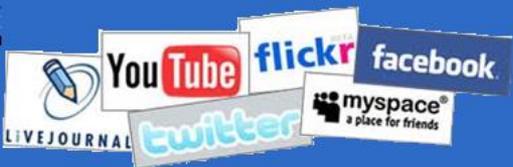
[Update title](#)

[Not at the company anymore](#)

[Update All](#)

Find the same contact on

[Google, LinkedIn](#)



Where can they dig up this info?

- Search Engines
- Social Networks
- Reverse Image Search
- Previous Version Archive (archive.org)
- School & Alumni Sites
- Dating Sites
- Jigsaw.com



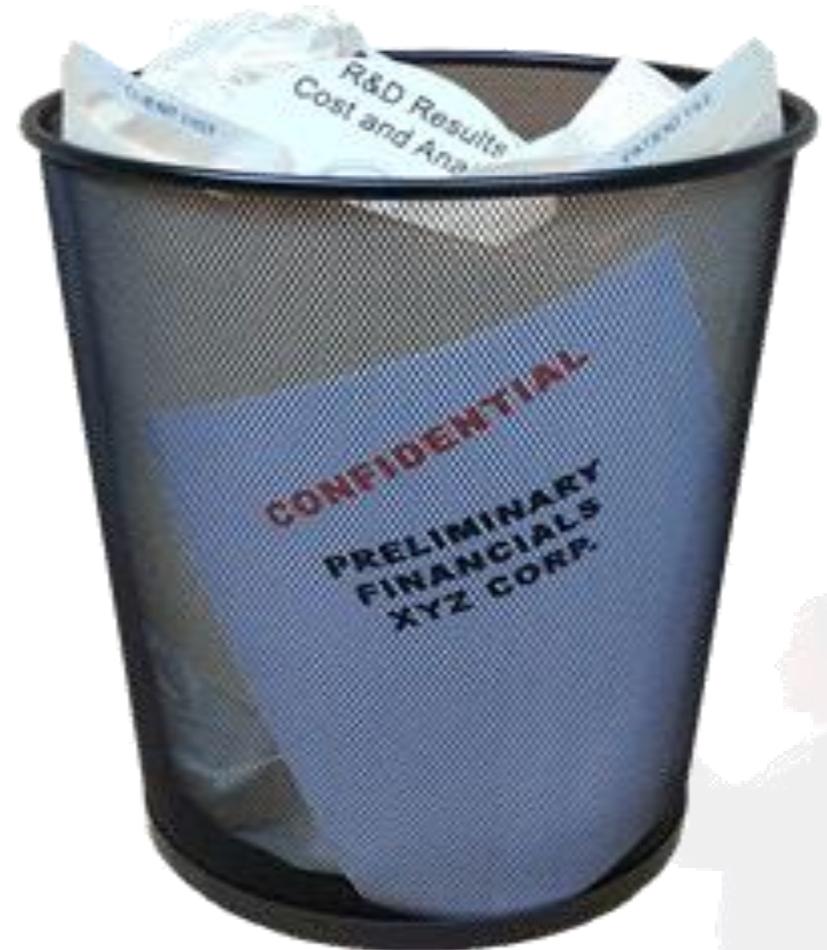
- Avoid using work email for non work sites
- Avoid using same password anywhere
 - P@ssw0rd#8 vs. NascarP@ssw0rd#8
- Make user ID uniq and difficult to guess
- Know your footprint to know your exposure
- Use a separate junkmail email address
 - Gmail, etc lets you check both
- BCC instead of CC
- Code contact forms instead of “mailto:”



DISCOVERY



Sometimes, the greatest treasures are found beneath piles of trash.



- www.stolencamerafinder.co.uk
 - Search by serial number
- Picasa metadata
 - Where is John McAfee



Camera:	Apple iPhone 4S
Lens:	4.3 mm
Exposure:	Auto exposure, Program AE, 1/20 sec, f/2.4, ISO 125
Flash:	Off, Did not fire
Date:	December 3, 2012 12:26:00PM (timezone not specified) (4 hours, 59 minutes, 33 seconds ago, assuming image timezone of 6 hours behind GMT)
Location:	Latitude/longitude: 15° 39' 29.4" North, 88° 59' 31.8" West (15.658167, -88.992167)



- Pictures with Geotagging can lead to an address

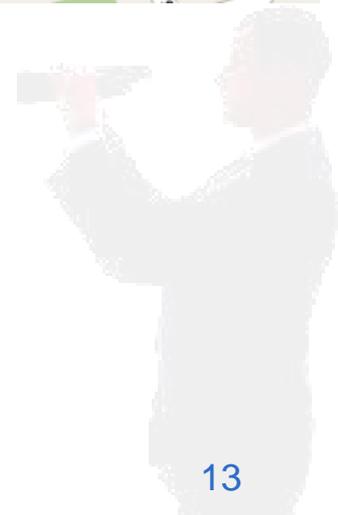
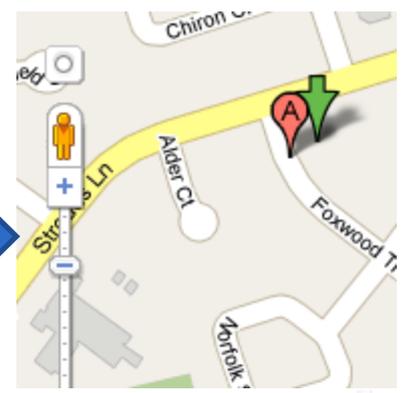
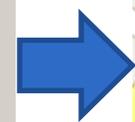


EXIF IFD0

Camera Make {0x010F}	Apple
Camera Model {0x0110}	iPhone
X-Resolution {0x011A}	72/1 ==> 72
Y-Resolution {0x011B}	72/1 ==> 72
X/Y-Resolution Unit {0x0128}	inch (2)
Last Modified Date/Time {0x0132}	2009:04:08 01:00:13

EXIF GPS IFD

GPS Latitude Reference {0x01}	N
GPS Latitude {0x02}	43/1,497,0/1 [degrees, minutes, seconds] ==> 43° 71' 4" 285°
GPS Longitude Reference {0x03}	W
GPS Longitude {0x04}	79/1,74,0/1 [degrees, minutes, seconds] ==> 79° 4' 0" 333°
Links to online mapping websites	<ul style="list-style-type: none"> • Google™ Maps • Yahoo!® Maps • MSN® Maps & Directions • Mapquest® • Open KML data with Google™ Earth • Save KML data to file • Save KML data to file and open with Google™ Earth



- camerasummary.com



The camera information is below after processing your image - Microsoft Internet Explorer provided by ...

http://camerasummary.com/exif-i

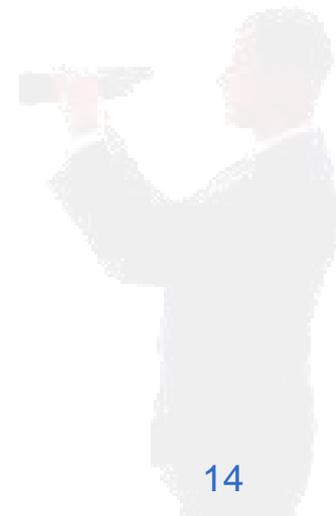
File Edit View Favorites Tools Help

★ Favorites The camera information is below after processing you...

CameraSummary

Your image has been processed and the results are below

Before **After**



Search name, email, username & phone



[Name](#) [Email](#) [Username](#) [Phone](#) BETA [Business](#)

[Clear](#)

First Name Last Name City State Country

William Gates, Redmond, Washington, United States

Contact Details

William Gates, 1 Microsoft Way, **Redmond, WA...**

[Map Address](#)

Sponsored Result - www.spokeo.com

William Gates, Age 78, 15700 NE 39th St, **Redmond, WA...**

[Map Address](#)

Sponsored Result - www.spokeo.com

Sponsored Tip: [Locate Your William Gates Right Now...](#)

BeenVerified.com

Background Reports

William Nevin Gates, Redmond, WA & Charlotte Gates & Yvonne Gates & Nevin Gates... \$\$\$

Public Records & Background Checks - Intelius - Sponsored Result www.intelius.com - Deep Web

Bill Gates, Redmond, WA & Elizabeth Gates & Lawrence Gates & Melinda Gates & James... \$\$\$

Public Records & Background Checks - Intelius - Sponsored Result www.intelius.com - Deep Web

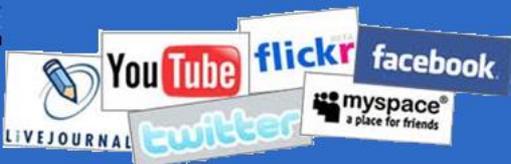
Sponsored Tip: [Remove William Gates's private information from this page with MyPrivacy...](#)

Reputation.com

Premium Address Reports

William H Gates, 10 Redmond, WA... \$\$\$





Show All (162) Sort by Name Export

Check to see if your available at dozens of Bookmarking websites, registering a username the most popular sites.

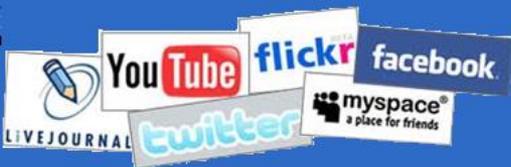
Available Domains: hiddenninja.org hiddenn.in

feedback

	Blogger	taken ✘
	Facebook	taken ✘
	YouTube	taken ✘
	eBay	taken ✘
	Wordpress	taken ✘
	MySpace	taken ✘
	twitter	taken ✘
	Flickr	available ✔
	photobucket	taken ✘

	last.fm	taken ✘
	deviantART	taken ✘
	Digg	taken ✘
	epinions	available ✔
	LiveJournal	taken ✘
	Fanpop	available ✔
	Twitpic	taken ✘
	StumbleUpon	available ✔
	Instructables	available ✔

	foursquare	available ✔
	Posterous	available ✔
	blip.tv	available ✔
	bebo	taken ✘
	Current	available ✔
	Xanga	taken ✘
	Netlog	taken ✘
	Viddler	available ✔
	iLike	available ✔



hiddenninja

SEARCH

Most Popular

Social Networks

Most Popular Social Networks



Available



[Available](#)



delicious

[Available](#)



Available



Available



Available



[Available](#)



[Available](#)



Available



Available



[Available](#)



Available



[Available](#)



Available



[Available](#)



[Available](#)



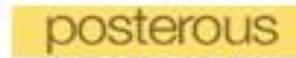
[Available](#)



Available



Available



[Available](#)



Available



Available

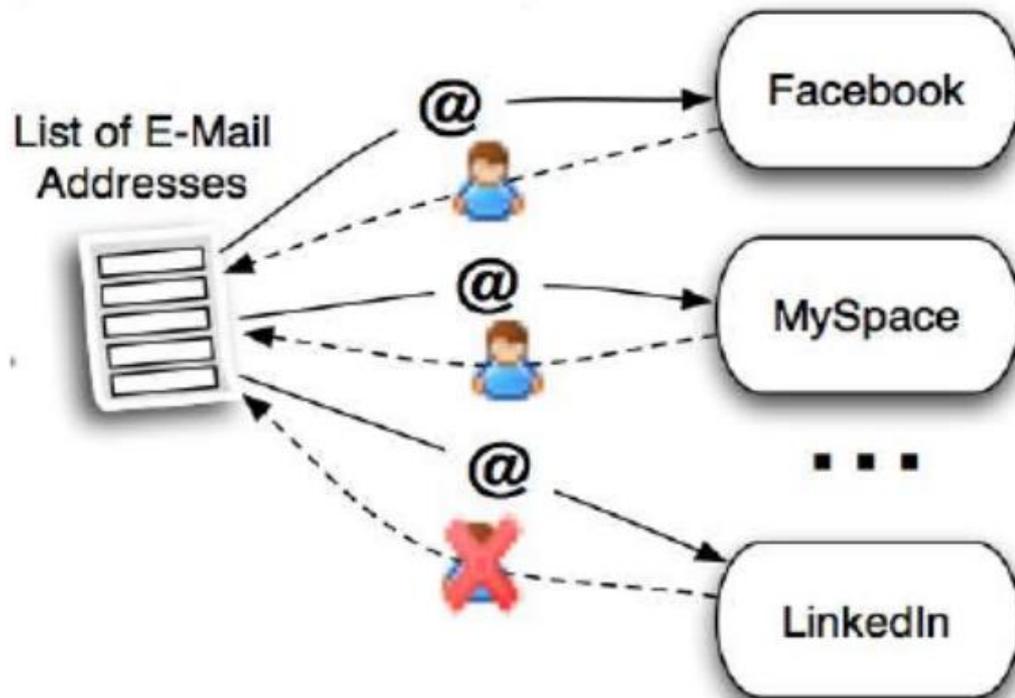


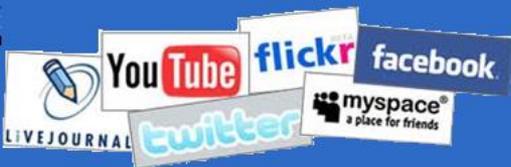
[Available](#)



Available

- Map profile to an email (normally private)
- Correlate different social networks against same email and/or username
- Enrich emails with private user info for phishing attacks
- Hidden profiles
 - Swingers
 - Creepers
 - Cheaters
- Map passwords





Scripted (60 + sites)

facebook

bebo

ebay

badoo

my BETA

BlackPlanet.com

spoke

dailybooth

Linked in

Flixster

deviantART

ImageShack

twitter

hi5

foursquare

photobucket

reddit

Blogger

meme

flickr

tumblr.

TypePad

friendfeed

Dailymotion

WORDPRESS

digg

IGAWKER

webshots

vimeo

vodpod

You Tube

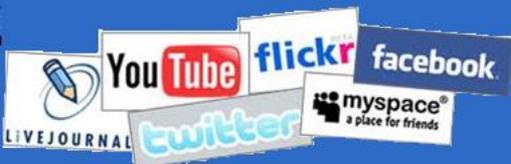
delicious

moby picture

StumbleUpon

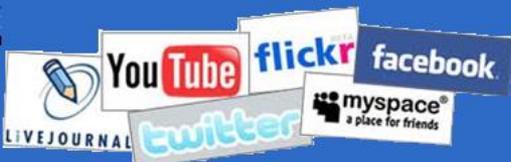
SQUIDOO

stardoll



Identity Hunt Script

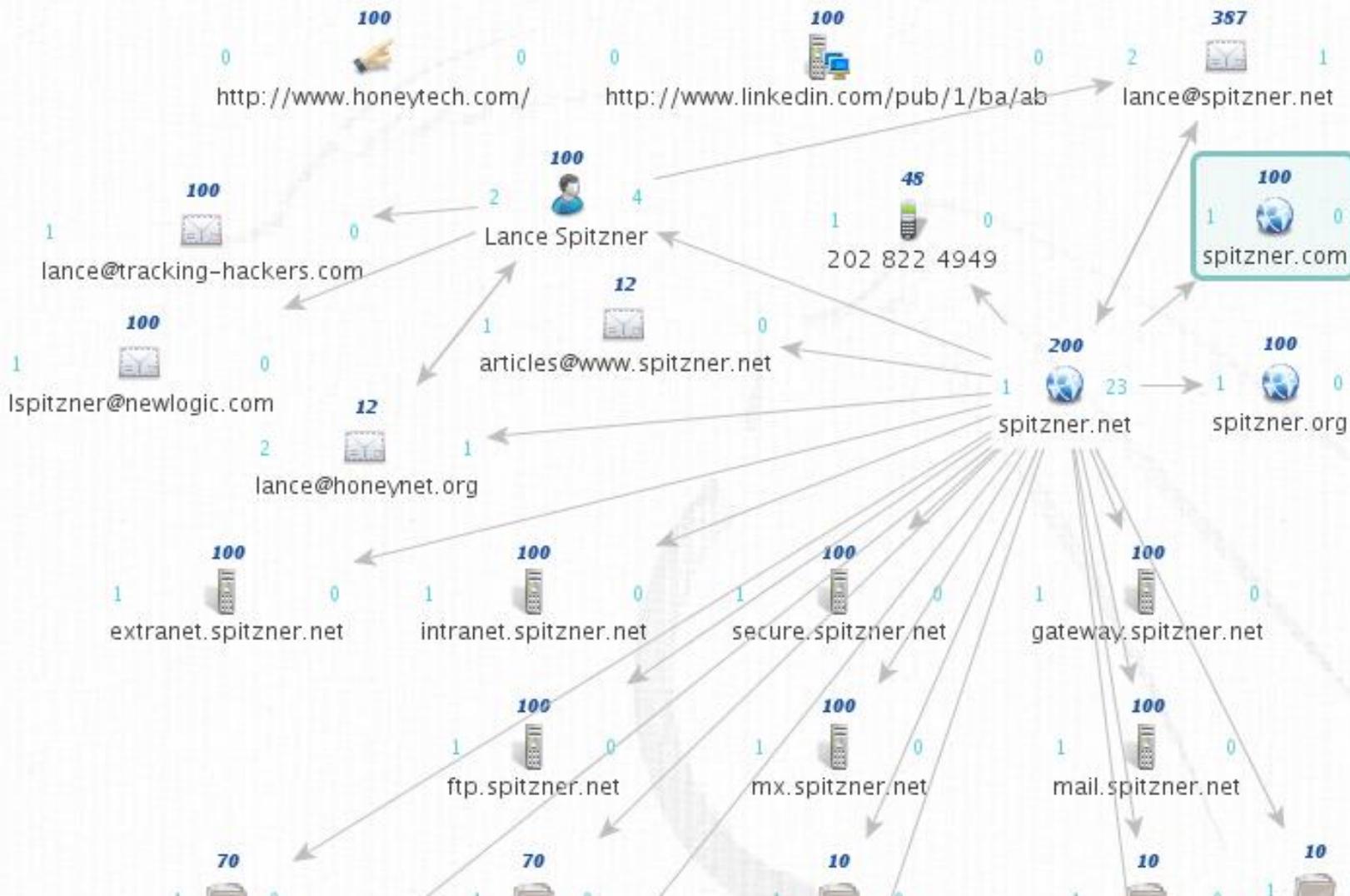
Url	Full name	Website	City	St	Age	G	Photo
about.me/kevinrose	Kevin Rose	twitter.com/kevinrose					d3mod
www.facebook.com/kevinro	Kevin Rose	facebook.com/kevinrose				male	
github.com/kevinrose	Kevin Rose	www.digg.com	San Francisco	CA			
www.youtube.com/user/kevi	Kevin Rose	about.me/kevinrose					
www.okcupid.com/profile/kevinrose			Chicago	IL	32	F	
hulu.com/profiles/kevinrose	Kevin R.		San Francisco	CA			
pinterest.com/kevinrose	Kevin Rose						media-c
www.flickr.com/people/kevir	Kevin Rose	kevinrose.com					farm1.s
mylife.com/kevinrose	Kevin Rose		Huntsville	AL			
twitter.com/kevinrose	Kevin Rose	about.me/kevinrose					
dailymotion.com/kevinrose	kevin rose					Male	
ffffound.com/home/kevinrose/post/		twitter.com/kevinrose					
badoo.com/kevinrose					33		
flixster.com/user/kevinrose	Kevin Rose						
linkedin.com/in/kevinrose	Kevin Rose						
kevinrose.tumblr.com	Kevin Rose						
kevinrose.typepad.com							
vimeo.com/kevinrose	Kevin Rose						
https://profiles.google.com/	Kevin Rose						

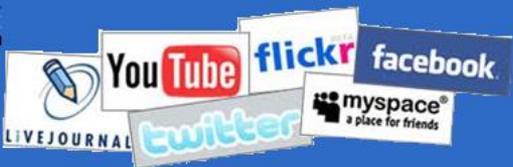


Identity Hunt Script

Url	Full name	Website
www.myspace.com/17224187		
mapmywalk.com/profile/kevinrose		
twitter.com/kevinrose		
dailybooth.com/kevinrose		
delicious.com/kevinrose		
myworld.ebay.com/kevinrose		
justin.tv/kevinrose		
www.kongregate.com/accounts/kevinrose		
www.last.fm/user/kevinrose		
stumbleupon.com/stumbler/kevinrose		
topsy.com/twitter/kevinrose		
twitpic.com/photos/kevinrose		
ustream.tv/user/kevinrose		
reddit.com/user/kevinrose		
squidoo.com/lensmasters/kevinrose		

■ Visually search and correlate





Privacy Settings

Sharing on Facebook

These settings control who can see what you share.

	Everyone	Friends of Friends	Friends Only
Everyone			
Friends of Friends			
Friends Only			
Recommended			
Custom ✓			
Your status, photos, and posts			•
Bio and favorite quotations			•
Family and relationships			•
Photos and videos you're tagged in			•
Religious and political views			•
Birthday			•
Permission to comment on your posts			•
Places you check in to [?]			•

Average Facebook user has:
245 friends and 156,569 friends of friends



- Tweets containing
 - Home alone
 - Home number
 - Leaving vacation
 - Birthday



@ [redacted] @ [redacted] 2 BYTHEWAYYY first weekend of june mi familia will be gone camping. And I'll be home alone.....just sayin

scandel [redacted] 1:29



New phone, and yes...its an i-phone. New number forever: 317 [redacted] 9

ia [redacted] h 16:37 Twitter for iPhone



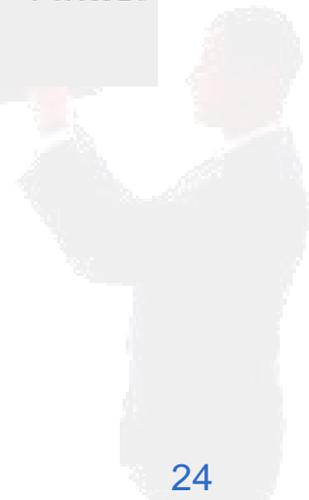
well parents are leaving to new jersey tomorro and im stayin home alone! :D

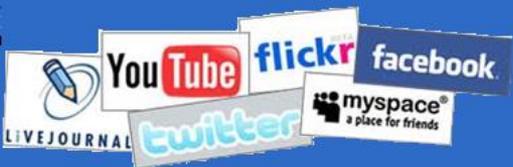
ch [redacted] 9 15:16



Happy 26th Birthday [redacted]

[redacted]





Social Search Engines

- www.facebook-search.com
- search.twitter.com/search.atom?geocode=39.802941%2C-89.655697%2C1mi&rpp=100
- computercrimeinfo.com/twittersearch.html
- youropenbook.org
- openfacebooksearch.com

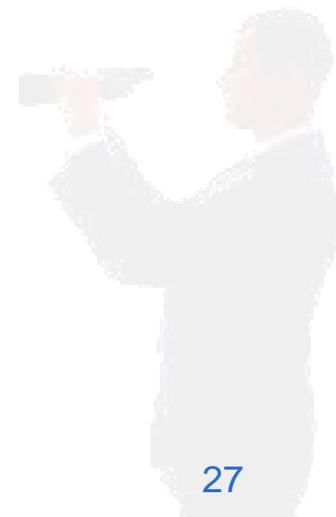


- Birth date
- Zip code
- Mother's maiden name
- First car
- I Recommend using a password instead
- Example: Sarah Palin yahoo account.
 - Used Yahoo for official state business
 - "Rubico" sentenced to 1 year in custody



- Password Cracking
 - Identify weak or default passwords
 - Verify the use of complex passwords

Characters (complex)	Estimated time to crack
7	6 minutes
8	2.34 hours
14	9 hours
15	209 days



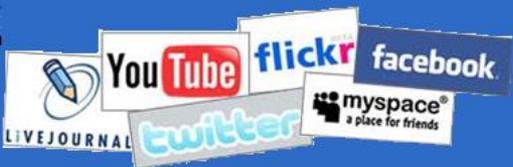
password

Summer13

P@swordCompl3x

juggle13 google





Security Awareness Material

- www.illinois.gov/bccs/services/catalog/security/assessments/Pages/awareness.aspx

